

# JONES DAY

51 LOUISIANA AVENUE, N.W. • WASHINGTON, D.C. 20001.2113  
TELEPHONE: +1.202.879.3939 • FACSIMILE: +1.202.626.1700

DIRECT NUMBER: (202) 879-3630  
BOLCOTT@JONESDAY.COM

March 1, 2018

## BY ELECTRONIC DELIVERY

Marlene H. Dortch  
Secretary  
Federal Communications Commission  
445 12th Street S.W.  
Washington D.C. 20554

### **Re: Third Progress Report of Progeny LMS, LLC WT Docket No. 12-202**

Dear Ms. Dortch:

Progeny LMS, LLC (“Progeny”), by its counsel, hereby provides its Third Progress Report regarding the status of its construction and operation of its Multilateration Location and Monitoring Service (“M-LMS”) licenses.

On January 17, 2017, the Mobility Division of the Commission’s Wireless Telecommunications Bureau issued an order granting Progeny an extension of its M-LMS buildout milestones and a renewal of its M-LMS licenses (“*Waiver Order*”).<sup>1</sup> Pursuant to paragraph 35 of the *Waiver Order*, Progeny is required to provide periodic reports addressing its progress toward deployment, testing, and activation in each market. In addition, for those M-LMS licenses that are past the relevant end-of-term deadline, Progeny is required to provide confirmation that such licenses continue to remain in operation providing location accuracy services.

Since the filing of its initial progress report on March 1, 2017, Progeny has continued to work diligently with major wireless carriers, chipset vendors, handset manufacturers, and the public safety community on the full commercialization of Progeny’s M-LMS licenses through the development of a highly accurate indoor location service to support E911 emergency first responders.

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<sup>1</sup> See Request of Progeny LMS, LLC for Waiver and Limited Extension of Time, WT Docket No. 12-202, *Order*, DA 17-20 (WTB, Mobility Div., Jan. 17, 2017) (“*Order*”).

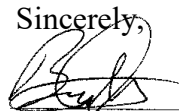
Marlene H. Dortch  
March 1, 2018  
Page 2

As the Commission is aware, the Location Accuracy Order that the Commission adopted in 2015 included escalating requirements for horizontal and vertical location accuracy that are implemented over an eight year period.<sup>2</sup> During the first four years of the implementation, wireless carriers will likely be able to satisfy the wireless accuracy requirements using refinements to existing technology – such as A-GPS – and other location technologies that are already being deployed – such as OTDOA. At the fifth and sixth year milestones, however, wireless carriers will be required to provide either a dispatchable address solution or an x/y-axis location of within 50 meters for 70 and 80 percent, respectively, of all wireless 911 calls. It is at either or both of these fifth and sixth year benchmarks that the carriers will likely need the assistance of Progeny’s highly accurate indoor location technology to provide greater indoor penetration in heavily urban areas, conditions corresponding with the top 25 Cellular Market Areas (“CMAs”).

The fifth year milestone deadline for the wireless carriers will be on April 3, 2020. In advance of this deadline, Progeny has been negotiating with wireless carriers on the services that Progeny can provide to them and the network build out that this will entail. Although these discussions have been progressing, Progeny has not yet reached any final agreements with the carriers regarding those services. Consistent with this, Progeny has not completed the deployment, testing, or activation of its M-LMS network in any additional of its licensed Economic Areas (“EAs”). Progeny herein confirms, however, that it continues to operate each of its M-LMS networks for its 80 M-LMS licenses covering its top 40 EAs providing location accuracy services.

Please contact the undersigned if you have any questions about this matter.

Sincerely,

  
Bruce A. Olcott

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<sup>2</sup> Wireless E911 Location Accuracy Requirements, PS Docket No. 07-114, Fourth Report and Order, FCC 15-9, ¶ 6 (2015) (“*Location Accuracy Order*”). April 3, 2015 was the effective date of the Commission’s new location accuracy rules.